

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 578 | ((s-shap\$3 or s-typ\$3) or (s near2 shap\$3) or (s near2 typ\$3)) and "385"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/05/02 10:18 |
| L2 | 2938 | ((equation\$2 or express\$4 or formula\$2) with (curve or bend or shape ot waveguide or lightguide or (wave near2 guide) or (light near2 guide) or wave-guide or light-guide)) with (sin or cos) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/05/02 10:21 |
| L3 | 0 | 2 and ("385"/\$.ccls) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/05/02 10:21 |
| L4 | 88 | 2 and ("385"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/05/02 10:52 |
| L5 | 6 | "5838869" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/05/02 10:52 |
| L6 | 10 | ("4707058" "4746183" "4834480" "4904039" "4979788" "5064265" "5276745" "5351320" "5354709" "5381426").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/02 10:52 |
| L7 | 4 | ("5838869").URPN. | USPAT | OR | ON | 2006/05/02 10:56 |
| L8 | 129 | (channel near3 waveguide) with buried | USPAT | OR | ON | 2006/05/02 10:57 |
| L9 | 413 | ((channel near3 waveguide) with ((groove or channel) near4 substrate)) | USPAT | OR | ON | 2006/05/02 10:57 |
| S1 | 1 | "6385383".pn. | USPAT | OR | ON | 2005/06/13 15:13 |
| S2 | 3 | ("6385383").URPN. | USPAT | OR | ON | 2005/06/13 15:14 |
| S3 | 8 | ("4373768" "4417782" "4505542" "4529262" "5004913" "5966493" "5999283" "6115519").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:20 |
| S4 | 640 | 385/140.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:35 |

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|-----|-----|---|------------------------------|----|----|------------------|
| S5 | 1 | S4 and (s adj type) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:21 |
| S6 | 20 | S4 and (core with electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:28 |
| S7 | 11 | S4 and (core near5 electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:29 |
| S8 | 8 | S4 and (core near5 contact) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:28 |
| S9 | 310 | S4 and (electrode or contact) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:36 |
| S10 | 4 | S9 and ((core near5 vary) with index) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:39 |
| S11 | 3 | S9 and ((core near5 temperature) with electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:41 |
| S12 | 1 | "6507681".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:42 |
| S13 | 1 | S12 and temperature | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:48 |
| S14 | 1 | S12 and curve | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:49 |
| S16 | 14 | S4 and (curve near3 (waveguide or fiber)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:52 |
| S20 | 26 | ("3801185" "3809696" "3809732" "3953620" "3993485" "4648687" "4712854" "4738502" "5009483" "5045847" "5106181" "5159699" "5402514" "5544268" "5874187" "5932397" "5966493" "6031945" "6035083" "6122416" "6208798" "6229949" "6236774" "6282361").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 15:59 |
| S21 | 14 | S4 and (core near3 temperature) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 16:03 |

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|-----|-------|--|---|----|----|------------------|
| S22 | 42 | S4 and (silicon adj dioxide) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/13 16:04 |
| S23 | 23 | S22 and electrode | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/14 08:19 |
| S24 | 0 | 2003/0016937.an. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/14 08:20 |
| S25 | 0 | "0016937".an. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/14 08:20 |
| S26 | 519 | 385/40.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 09:57 |
| S27 | 32401 | "54" and (silicon adj dioxide) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/14 09:13 |
| S28 | 641 | 385/140.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/14 09:13 |
| S29 | 42 | S28 and (silicon adj dioxide) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/14 10:13 |
| S30 | 41 | S28 and (buffer) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/14 10:13 |
| S31 | 2 | "20030016937" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:37 |
| S32 | 2944 | ("385"/\$.ccls.) and ((curve or curved) near4 (waveguide or lightguide or fiber or pipe)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 09:59 |
| S33 | 2443 | ("385"/\$.ccls.) and ((curve or curved) near3 (waveguide or lightguide or fiber)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 10:47 |
| S34 | 20 | ("385"/\$.ccls.) and ((curve or curved) near3 ((waveguide or lightguide or fiber) near3 (embedded or buried or trench or internal))) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 10:05 |
| S35 | 1 | ("385"/\$.ccls.) and ((S near2 (shape or shaped)) near3 ((waveguide or lightguide or fiber) near3 (embedded or buried or internal))) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 10:09 |

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|-----|---|---|---|----|----|------------------|
| S36 | 1 | "5966493".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 10:09 |
| S37 | 2 | "6385383".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:15 |
| S38 | 2 | "20020136525" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:15 |
| S39 | 2 | "5966493".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:15 |
| S40 | 2 | "20040101229" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:15 |
| S41 | 2 | "20030016937" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:16 |
| S42 | 6 | (US-20020136525-\$ or US-20040101229-\$).did. or (US-6016375-\$ or US-6385383-\$ or US-5966493-\$).did. or (WO-200269024-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/10/01 10:16 |
| S43 | 0 | S42 and (cosine or sine) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:17 |
| S44 | 4 | S42 and ((cos or sin)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:21 |
| S45 | 0 | S42 and ((tangent or tan)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:21 |

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| S46 | 4 | S42 and ((cos or sin or tan)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:28 |
| S47 | 1 | S42 and continuous | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:27 |
| S48 | 7 | (US-20020136525-\$ or US-20040101229-\$ or US-20030016937-\$).did. or (US-6016375-\$ or US-6385383-\$ or US-5966493-\$).did. or (WO-200269024-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/10/01 10:28 |
| S49 | 4 | S48 and ((cos or sin or tan)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:28 |
| S50 | 0 | S48 and ((open or exposed) near3 core) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 10:37 |
| S51 | 14 | ("385"/\$.ccls.) and ((curve or curved) near3 (waveguide or lightguide or fiber))and attenuator and ((exposed or expose or open) near3 core) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 10:55 |
| S52 | 49 | ("5781675").PN. OR ("5966493"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 10:50 |
| S53 | 16 | ("4425566" "4800557" "4904042" "4938553" "5002350" "5039993" "5061032" "5136671" "5243672" "5511083" "5546481" "5808765").PN. OR ("6016375").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 10:53 |
| S54 | 0 | ("2002/0136525").URPN. | USPAT | OR | ON | 2005/10/01 10:53 |
| S55 | 0 | ("2004/0101229").URPN. | USPAT | OR | ON | 2005/10/01 10:53 |
| S56 | 0 | ("2003/0016937").URPN. | USPAT | OR | ON | 2005/10/01 10:53 |
| S57 | 2 | ("2001/0046363").URPN. | USPAT | OR | ON | 2005/10/01 10:54 |
| S58 | 260 | ("385"/\$.ccls.) and ((curve or curved) near3 (waveguide or lightguide or fiber))and attenuator | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 10:55 |

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| S59 | 1 | ("385"/\$.ccls.) and (((curve or curved) near3 (waveguide or lightguide or fiber))and attenuator). AB. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:19 |
| S60 | 101 | "385"/\$.ccls. and attenuator and ((exposed or expose or open or reveal) near3 core) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:07 |
| S61 | 2 | "385"/\$.ccls. and (attenuator and ((exposed or expose or open or reveal) near3 core)).ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 10:59 |
| S62 | 7 | ("4121884" "4384761" "4505539" "5619600" "5699462" "5732168").PN. OR ("6400885"). URP. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 10:59 |
| S63 | 39 | S60 and electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/01 11:00 |
| S64 | 9 | "385"/\$.ccls. and (attenuator.ab.) and ((exposed or expose or open or reveal) near3 core) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:09 |
| S65 | 25 | "385"/\$.ccls. and (attenuator.ab.) and ((polished or exposed or expose or open or reveal) near3 core) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:09 |
| S66 | 16 | S65 not S64 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:09 |
| S67 | 215 | ("385"/\$.ccls.) and ((curve or curved) near3 (waveguide or lightguide or fiber))and ((open or polished or exposed or expose or polish or reveal or opened) near4 core) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:21 |
| S68 | 116 | ("385"/\$.ccls.) and ((curve or curved) near3 (waveguide or lightguide or fiber))and ((open or polished or exposed or expose or polish or reveal or opened) near4 core) and (sine or sin or tangent or tan or cosine or cos) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:22 |
| S69 | 38 | ("385"/\$.ccls.) and ((curve or curved) near3 (waveguide or lightguide or fiber))and ((open or polished or exposed or expose or polish or reveal or opened) near4 core) and (sine or sin or tangent or tan or cosine or cos) and electrode | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:26 |

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| S70 | 12 | attenuator and ((curve or curved) near3 (waveguide or lightguide or fiber))and ((open or polished or exposed or expose or polish ot reveal or opened) near4 core) and (sine or sin or tangent or tan or cosine or cos) and electrode | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:28 |
| S71 | 14 | attenuator and ((curve or curved) near3 (waveguide or lightguide or fiber))and ((open or polished or exposed or expose or polish ot reveal or opened) with core) and (sine or sin or tangent or tan or cosine or cos) and electrode | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:29 |
| S72 | 14 | attenuator and ((curve or curved or sinuous) near3 (waveguide or lightguide or fiber))and ((open or polished or exposed or expose or polish ot reveal or opened) with core) and (sine or sin or tangent or tan or cosine or cos) and electrode | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/01 11:29 |
| S73 | 3 | ("385"/\$.ccls.) and (((ridge and (slot or channel)) near2 (waveguide or lightguide)).ab.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/04 09:03 |
| S74 | 71 | InP near3 polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 09:35 |
| S75 | 11 | S74 and attenuator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/10/04 09:36 |
| S76 | 0 | "10102852" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/21 15:31 |
| S77 | 1 | "10/102852" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/21 15:32 |
| S78 | 2594 | he.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/21 15:32 |
| S79 | 11 | S78 and waveguide and attenuator | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/21 15:32 |
| S80 | 0 | ("2002/0136525").URPN. | USPAT | OR | ON | 2006/04/21 15:33 |

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| S81 | 8 | "20030016937" or ("5781670" or "5148505" or "5490226").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/21 15:35 |
| S82 | 63 | caracci.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/21 17:15 |
| S83 | 847 | "385"/\$.ccls. and (embedd\$3 near3 waveguide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/21 17:16 |
| S84 | 7 | "385"/\$.ccls. and (curv\$4 near5 (embedd\$3 near3 waveguide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/21 17:17 |
| S85 | 219 | "385"/\$.ccls. and (substrate near5 (embedd\$3 near3 waveguide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/21 17:22 |
| S86 | 0 | "385"/\$.ccls. and ((core near5 expos\$4) with (substrate near5 (embedd\$3 near3 waveguide))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/21 17:19 |
| S87 | 1 | "385"/\$.ccls. and (advantag\$3 near5 (substrate near5 (embedd\$3 near3 waveguide))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/21 17:22 |
| S88 | 985 | (channel adj waveguide).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/21 17:36 |
| S90 | 263 | ((waveguide or lightguide or fiber) with((s-shap\$3 or s-typ\$3) or (s near2 shap\$3) or (s near2 typ\$3))) and "385"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/28 16:31 |
| S91 | 75 | ((waveguide or lightguide or fiber) with((s-shap\$3 or s-typ\$3) or (s near2 shap\$3) or (s near2 typ\$3))) and "385"/\$.ccls. and (expression or expressed or formula or equation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/28 16:36 |

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| S92 | 2 | ((waveguide or lightguide or fiber) with((s-shap\$3 or s-typ\$3) or (s near2 shap\$3) or (s near2 typ\$3))) and "385"/\$.ccls. and (sin with (expression or expressed or formula or equation)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/28 16:40 |
| S93 | 9 | ((s-shap\$3 or s-typ\$3) or (s near2 shap\$3) or (s near2 typ\$3))) and "385"/\$.ccls. and (sin with (expression or expressed or formula or equation)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/28 16:53 |
| S94 | 8 | ("5781670" or "5148505" or "5490226").pn. or "20030016937" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/28 16:51 |
| S95 | 1178 | waveguide and (sin with (expression or expressed or formula or equation)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/28 16:53 |
| S96 | 80 | waveguide with (sin with (expression or expressed or formula or equation)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/28 16:53 |